

Declaration, Power Of Attorney and Petition

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WE (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first, and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

POLYNUCLEIC ACIDS ISOLATED FROM A PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV), PROTEINS ENCODED BY THE POLYNUCLEIC ACIDS, VACCINES BASED ON THE PROTEINS AND/OR POLYNUCLEIC ACIDS, A METHOD OF PROTECTING A PIG FROM A PRRSV AND A METHOD OF DETECTING A PRRSV

the specification of which

is attached hereto.

was filed on SEPTEMBER 1, 1994 as

Application Serial No. 08/301,435

and amended on _____

was filed as PCT international application

Number _____

on _____,

and was amended under PCT Article 19

on _____ (if applicable).

We (I) hereby state that we (I) have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We (I) acknowledge the duty to disclose information known to be material to the patentability of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations.

We (I) hereby claim foreign priority benefits under Section 119 of Title 35 United States Code, of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| Application No. | Country | Day/Month/Year | Priority Claimed |
|-----------------|---------|----------------|--|
| _____ | _____ | _____ | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| _____ | _____ | _____ | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| _____ | _____ | _____ | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| _____ | _____ | _____ | <input type="checkbox"/> Yes <input type="checkbox"/> No |

We (I) hereby claim the benefit under Section 120 of Title 35 United States Code, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Section 112 of Title 35 United States Code, We (I) acknowledge the duty to disclose material information as defined in Section 1.56(a) of Title 37 Code of Federal Regulations, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| Application Serial No. | Filing Date | Status (pending, patented, abandoned) |
|------------------------|------------------|---------------------------------------|
| 08/131,625 | OCTOBER 5, 1993 | PENDING |
| 07/969,071 | OCTOBER 30, 1992 | ABANDONED |

And we (I) hereby appoint: Norman F. Oblon, Registration Number 24,618; Marvin J. Spivak, Registration Number 24,913; C. Irvin McClelland, Registration Number 21,124; Gregory J. Maier, Registration Number, 25,599; Arthur I. Neustadt, Registration Number 24,854; Robert C. Miller, Registration Number 25,357; Richard D. Kelly, Registration Number 27,757; James D. Hamilton, Registration Number, 28,421; Eckhard H. Kuesters, Registration Number 28,870; Robert T. Pous, Registration Number 29,099; Charles L. Gholz, Registration Number 26,395; Vincent J. Sunderdick, Registration Number 29,004; William E. Beaumont, Registration Number 30,996; Steven B. Kelber, Registration Number 30,073; Stuart D. Dwork, Registration Number 31,103; Robert F. Gnuse, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,451; William B. Walker, Registration Number 22,498; Timothy R. Schwartz, Registration Number 32,171; Stephen G. Baxter, Registration Number 32,884; Gilberto M. Villacorta, Registration Number 34,038; and John H.O. Clarke, Registration Number 17,373; our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding this application be sent to the firm of OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C., whose Post Office Address is: Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202.

We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Prem S. PAUL

NAME OF FIRST ~~SOLO~~ INVENTOR



Signature of Inventor

Date

10 - 30 - 1994

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Signature of Inventor

11/06/94
Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Prem S. PAUL et al.) Group Art Unit: 1645
Application No.: 08/301,435) Examiner: D. Wortman
Filed: September 1, 1994)
For: POLYNUCLEIC ACIDS ISOLATED)
FROM A PORCINE REPRODUCTIVE)
AND RESPIRATORY SYNDROME)
VIRUS (PRRSV), PROTEINS)
ENCODED BY THE POLYNUCLEIC)
ACIDS, AND A METHOD OF)
PROTECTING FROM PRRSV)
INFECTION USING VACCINES)
BASED ON THE PROTEINS AND/OR)
POLYNUCLEIC ACIDS)

REVOCATION AND NEW POWER OF ATTORNEY
BY ASSIGNEE OF ENTIRE INTEREST

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

As the Assignee of the entire interest in the above-identified application, all powers of attorney previously given are hereby revoked, and Sharon E. Crane, Registration No. 36,113 is hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected with the above-identified application. The Assignee has reviewed documentary evidence of the chain of title from the original owner to the Assignee, wherein the Assignment was filed with a Request for Continued Examination on February 26, 2001, and certifies that to the best of its knowledge and belief it is an owner of the right, title and interest in and to the above-identified application.

Please direct all telephone calls and correspondence to:

Sharon E. Crane, Ph.D.
BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
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(703) 836-6620



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7-5-01¹⁰

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date: 6/19/01

Signature: K. Kirkland

Name: Kenneth Kirkland, Ph.D.

Title: Executive Director

Company: Iowa State University Research Foundation, Inc.